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Sri Challa Madhusudhan Reddy, Chairman, APSSDC, NEC Chairman Sri.M.V.Koteswara Rao, NEC Vice-Chairman Sri.M.Chakravathi, NEC Principal Dr.M.Sreenivasa Kumar, & Prof. D.Rajya Lakshmi, Principal, JNTUN lighting the lamp on "Graduation Day - 2K19"

Dear Readers

Stalwart Teaching staff members are strong foundation stones for any educational institution. Acquiring the highest qualifications like Ph.D. is a herculean task in one's life. It is a great privilege to say that four Ph.D. degrees are awarded in one year to different scholars on different topics from Acharya Nagarjuna University and Rayalaseema University under the guide ship of Dr. S. V. N. Srinivasu of C.S.E. branch, N.E.C, in the month of July, September, October and November respectively. Another greatest achievement from the same department, Mr. K. Ramesh Rao has been awarded Ph.D. under the guide ship of Dr. S.N. Tirumala Rao, H.O.D, C.S.E department, in December 2019. The students and the staff members feel elated and have given them a loud applause to have such iconic staff members in our institution.

Generally, a teacher always thinks about the future of the students. Department of ECE organized a 3Day workshop on problem solving with python for II B-Tech ECE – B students in association with APSSDC during 26th – 28th December 2019. This workshop helps the students to improve their knowledge in coding using python.

Department of Electronics and Communication Engineering organized a short term course on VLSI chip design hands association with MNIT Jaipur. Dr. B. Raghavaiah, Associate Professor acted as coordinator for this programme.

Mahatma Gandhi always dreams about Rural Development. Our CSE department, has organized a 5-Day short term course on "Rural Development through technical institutions" from 29th July 2019 to 2nd August 2019.

Generally, all the teachers and institutions want to see their students as employees with good position but NEC has different attitude. Our institution wants to see our students as a good entrepreneurs, who provide employment to so many people and strengthen our country. Department of CSE has organized a 3-Day workshop on "Entrepreneurship Awareness" from 15th October 2019 to 17th October 2019. Francis Bacon says "Youth are like untamed horses" they have energy and intelligence but they need to have proper guidance. Narasaraopeta engineering college has conducted an induction programme for I B-Tech students on "Global Opportunities and Current Trends in the Competitive World" by Dr. Hari Krishna Eppanapally, Chairman and the CIC group Inc. USA, on 22.8.2019. In his speech he has talked about the latest trends and global opportunities in Artificial Intelligence, Black Chain, Deep learning, Robotics, etc. He has advised the students obtain great passion and interest towards the latest technologies available on the Global Market. With the indefatigable work of the staff and the management NEC is moving forward with flying colors.

----Editor

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today." The NEC campus is always a buzz with a plethora of activities and has become a dynamic venue where brilliant minds from all the branches converge and share their vast reserves of knowledge and skills. The institute is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them future engineers capable of meeting any challenge that will be faced by them after leaving the college. The college provides full support to improve their communication skills, critical thinking abilities, moral values and sense of responsibility.

The 2nd Graduation Day of MBA and 1st Graduation of MCA was held on 2nd Nov 2019. Our college student Miss Lakshmi Deepthi received gold medal 19th convocation of JNTUK on 17th August 2019.

I, take this opportunity to thank all the stakeholders for showing interest and continuous support. I extend my best wishes to all students in their chosen career path and I am sure the college will scale upto greater heights in the years to come and serve many more in the society.

I appreciate the efforts put in by editorial board to bring out the Newsletter.

Signing off with a quotation "It is not the strongest of the species that survives, nor the most intelligent that survives; It is the one that is most adaptable to change,"- Charles Darwin



Dr. M. Sreenivasa Kumar, Principal

Vision

To emerge as a Centre of excellence in technical education with a blend of effective student centric teaching learning practices as well as research for the transformation of lives and community.

Mission

- Provide the best class infrastructure to explore the field of engineering and research.
- Build a passionate and a determined team of faculty with student centric teaching, imbining experiential, innovative skills.
- Imbibe lifelong learning skills, entrepreneurial skills and ethical values in students for addressing societal problems.



Inauguration Ceremony of Dassault Systems & ARC Lab @ NEC on 2nd November, 2019

Department of Civil Engineering

Dreamt it We Built it!

Vision

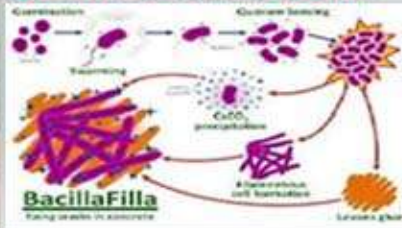
- To be a knowledge hub with state of art infrastructure and imbibe skills of advanced technologies in the field of Civil engineering with a focus on research and sustainable development for the benefit of society.

Mission

- To Provide infrastructure and Train the students as technologically motivated Civil engineers and researchers who can serve the society competently.
- To provide experienced and dedicated faculty for nurturing successful civil engineering professionals for Industry and allied fields.
- To ignite innovative thinking, entrepreneur skills among students with ethical values.

New Trends in Technology

Bacterial Concrete or Self-Healing Concrete for Repair of Cracks



In modern days, the use of technology has taken the standards of construction to a new high level. Bacterial concrete or self-healing concrete is one among them. It fills up the cracks developed in structures by the help of bacterial reaction in the concrete after hardening. Whenever there are cracks in concrete due to human mistakes, incorrect handling and unskilled labors gaps are formed in the concrete. Other agencies like weathering, cracks, leaks and bending etc., arises after the construction. To overcome these types of problems, many remedial procedures are undertaken before and after the construction.

The process of self-healing of cracks or self-filling up of cracks by the help of bacterial reaction in the concrete after hardening is known as Self-Healing Concrete.

It can be observed that small cracks that occur in a structure of width in the range of 0.05 to 0.1mm get completely sealed in repetitive dry and wet cycles. The mechanism of this autogenously healing is the width of range 0.05-0.1mm act as capillary and the water particles seep through the cracks. These water particles hydrate with the partial reacted cement and the cement expands, which in turn fills the crack.

The bacteria used for self-healing of cracks are acid producing bacteria. These types of bacteria can be in dormant cell and be viable for over 200 years under dry conditions. This bacterium acts as a catalyst in the cracks healing process.

Various Types of Bacteria Used in Concrete are bacterial concrete construction are: *Bacillus pasteurizing*, *Bacillus sphaericus*, *Escherichia coli*, *Bacillus subtilis*, *Bacillus cohnii*, *Bacillus balodurans* and *Bacillus pseudo firmus*.

Mechanism of Bacterial Concrete: Self-healing concrete is a result of biological reaction of non-reacted limestone and a calcium based nutrient with the help of bacteria to heal the cracks appeared on the building. Special type of bacteria's known as *Bacillus* is used along with calcium nutrient known as Calcium Lactate. While preparation of concrete, this products are added in the wet concrete when the mixing is done. This type of bacteria can be in dormant stage for around 200 years. When the cracks appear in the concrete, the water seeps in the cracks. The spores of the bacteria germinate and starts feeding on the calcium lactate consuming oxygen. The soluble calcium lactate is converted to insoluble limestone. The insoluble limestone starts to harden. Thus filling up of the crack automatically without any external aide is done. The other advantage of this process is, as the oxygen is consumed by the bacteria to convert calcium into limestone, it helps in the prevention of corrosion of steel due to cracks. This improves the durability of steel reinforced concrete construction.

Advantages of Bacterial Concrete:

- Self-repairing of cracks without any external aide.
- Significant increase in compressive strength and flexural strength when compared to normal concrete.
- Resistance towards freeze-thaw attacks.
- Reduction in permeability of concrete.
- Reduces the corrosion of steel due to the cracks formation and improves the durability of steel reinforced concrete.
- Bacillus* bacteria are harmless to human life and hence it can be used effectively.

Disadvantages of Bacterial Concrete:

- Cost of bacterial concrete is double than conventional concrete.
- Growth of bacteria is not good in any atmosphere and media.
- The clay pellets holding the self-healing agent comprise 20% of the volume of the concrete. This may become a shear zone or fault zone in the concrete.
- Design of bacterial concrete mix is not available in IS codes.
- Investigation of calcite precipitate is costly.

Faculty Focus

Dr. G. Babu Rao participated and presented a paper entitled "Soil Chemistry of Erravagu Sub-basin of Guntur District, Andhra Pradesh" in International Conference on Science Engineering and Technology (ICSET-2K19) held at AIMS- Mummdivaram, A.P. on 26th and 27th July 2019.

Dr. G. Babu Rao participated in one week Short Term Training Programme (STTP) through ICT mode on "Effective Teaching" from 15.07.2019 to 19.7.2019 organised by National Institute of Technical Teachers Training and Research, Kolkata.

Dr. G. Babu Rao participated in one day national level seminar on "Hydraulics and Hydrology" organised by Andhra Pradesh State Skill Development Corporation on 21st October, 2019 at Andhra Loyola Institute of Engineering and Technology

Dr. G. Babu Rao acted as session Chair in International Conference on Science Engineering and Technology (ICSET-2K19) held at AIMS- Mummdivaram, A.P. on 26th and 27th July 2019.

Dr. G. Babu Rao participated and presented one paper at A.P. Science Congress-2019 organised by Andhra Pradesh Akademi of Sciences, Amaravati and Dr. B. R. Ambedkar University, Srikakulam at Ambedkar University, Srikakulam from 28th to 30th November, 2019.

Dr. G. Babu Rao became a reviewer in Journal of Emerging Technologies and Innovative Research.

Dr. G. Babu Rao became a reviewer in International Journal of Engineering Research and Technology

Dr. G. Babu Rao became a reviewer in International Scientific Committee of Geological and Environmental Engineering in the World Academy of Science, Engineering and Technology.

Dr. G. Babu Rao acted as an Advisory committee member for International Conference on Advances in Science, Engineering and Technology-2019 (ICASET-2019) to be held on 19th and 20th December, 2019 at K.S.R.M College of Engineering (Autonomous), Kadapa, Andhra Pradesh.

M. Srinivasa Rao published a paper entitled "Effect of High Volume Flyash on Fiber Strengthened Concrete" in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-11, September 2019.

M. Srinivasa Rao published a paper entitled "Analysis and Design of Pre-stressed concrete beam with different proportions" in IJIRSET volume 8, Issue No.6, June 2019.

K.V.Pratap has attended a one day 'National Workshop on Recent Trends in Civil Engineering (RTCE-2019)' conducted by Vignani's University, vadlamudi, Guntur district, Andhra Pradesh on 13/09/2019.



M.V.SUBBIAH
17471A0165
RANK: 1
SGPA: 8.33



K. B. SEKHAR
16475A0196
RANK: 2
SGPA: 8.86



P. S. SIVA
17471A0162
RANK: 3
SGPA: 7.77



K.NAGA RAJU
17475A0126
RANK: 2
8.77



S. M. LALIT
16471A0125
RANK: 3
8.64



D. K. REDDY
16471A0111
RANK: 1
8.91

Alumni Voice



I feel fortunate to be a student of Narasaraopeta Engineering College as it helped me to both on personal and professional front. It inculcated a lot of intra and interpersonal skills which helped me in all round development. Teaching by the senior faculty and the field exposure in my college life has helped me a lot in securing a good job. Personal care towards me by the faculty members has helped me in qualifying the competitive exams at national level. I want to thank the management of the college for providing necessary materials and books in the library to face the competitive world.

PALLEPOGU ANKITHA,

Branch manager (OJM-1),
Chaitanya Godavari Grameena Bank,
Uppalapadu Branch, Narasaraopet

Student's Voice



I acknowledge that my knowledge has been enriched due to my association with our department. Knowledge transformation programs (guest lecture, workshops) conducted to the students is really helped to face global competition. The encouragement by the college management made me to qualify for campus interviews.

D. Kranthi Kiran Reddy,

Regd. No. 16471A0111,
IV B. Tech

Quotes by students:

A common mistake that people make when trying to design something completely foolproof is to underestimate the ingenuity of complete fools.

M. V. SUBBIAH (17471A0165)

A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few original ideas as possible.

P. CH. P. GUPTA (18471A0136)

A theory may be so rich in descriptive possibilities that it can be made to fit any data.

K. NAGA RAJU (17475A0126)

Engineering problems are under-defined, there are many solutions, good, bad and indifferent. The art is to arrive at a good solution. This is a creative activity, involving imagination, intuition and deliberate choice.

K. S. N. Malleswara Rao (17475A0129)

It takes an engineer to undertake the training of an engineer and not, as often happens, a theoretical engineer who is clever on a blackboard with mathematical formulae but useless as far as production is concerned.

G. Koti Reddy (16471A0118)

One has to watch out for engineers – they begin with the sewing machine and end up with the atomic bomb.

A. Kushal Mouli (16471A0101)

CIVIL QUIZ

Questions

1. Laterite is chemically classified as
2. The breaking up of cohesion in a mass of concrete is called
3. The water obtained from the tube wells is known as
4. The colour of water is expressed in numbers of a
5. The commonly used lime in white washing is

Answers

1. Argillaceous rock
2. Segregation
3. sub-surface water
4. platinum cobalt scale
5. fat lime

Recent Technology:

CATIA delivers the unique ability not only to model any product, but to do so in the context of its real-life behavior: design in the age of experience. Systems architects, engineers, designers, construction professionals and all contributors can define, imagine and shape the connected world. A Social design environment built on a single source of truth and accessed through powerful 3D dashboards that drive business intelligence, real-time concurrent design and collaboration across all stakeholders including mobile workers.

An Instinctive 3D EXPERIENCE, for both experienced and occasional users with world-class 3D modeling and simulation capabilities that optimize the effectiveness of every user.

The design and engineering processes for construction requires close collaboration among multiple participants across all project phases. Additionally, increasingly complex construction projects require that all teams rely on 3D as a common language to facilitate collaboration and reduce rework between phases.

3DEXPERIENCE CATIA allows architects and engineers to build beyond the limits of traditional project delivery methods by delivering a range of 3D modeling solutions that span all design and engineering phases. This allows for complete digital continuity for diverse project teams on the 3DEXPERIENCE platform.

BENEFITS

- Robust, industry-specific roles and applications to design and engineer buildings and infrastructure
- Create high level of detail models fully compliant with industry standards (IFC)
- Design for fabrication by developing models that conform to prefabrication or industrialized construction methods
- Geolocate the model and manage the construction project in the context of the city or territory
- Generate associative 2D documents from the 3D model
- Extract complete Bill of Materials from the construction model
- Collaborate with external partners and consultants by importing various file types to integrate into the master model
- Capitalize on accumulated knowledge by reusing templates and best practices across all projects





DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Vision

- To impart student centric education in the field of Electrical Electronics Engineering to transform the individuals into competent engineers with a focus on research and ethics.

Mission

- To provide knowledge based technology and infrastructure to meet the needs of industry and society.
- To assimilate innovation and research oriented culture to make successful professionals and entrepreneurs.
- To encourage lifelong learning with ethics among the students so as to make them as responsible individuals.

New trends in Technology - PULP ENERGY



Although fossil-fuel emissions may be the poster child for global warming, there is also growing concern over environmental harm from discarded electronics. Researchers at Georgia Tech's Center for Organic Photonics and Electronics (COPE) and Renewable Bioproducts Institute are developing paper-

based electronics — organic solar cells, organic light-emitting diodes (OLEDs), and organic field-effect transistors (OFETs) — fabricated on cellulose-based substrates that can be recycled easily.

Use of paper for substrates has generated considerable buzz among researchers, but its high porosity and surface roughness pose challenges. Today's organic electronic components use very thin carbon-based semiconductor layers — about 1,000 times thinner than the average human hair. "Because they are so thin, you need nearly atomically flat substrates where the surface is down to a nanometer," explained Bernard Kippelen, director of COPE and a professor in Georgia Tech's School of Electrical and Computer Engineering. To address this, Kippelen's team is using cellulose nanocrystals (CNCs), a type of wooden wunderkind material, to develop new semiconductor devices, demonstrating that CNCs are a viable alternative to traditional plastic substrates — while offering new environmental benefits. Devices made on these substrates can be easily dissolved in water, allowing semiconducting materials and metal layers to be filtered and recycled. Applications will depend on economics and performance. For CNC-based solar cells, the researchers have achieved power conversion efficiencies of 4 percent. Efficiencies could be increased to 10 percent but would require more expensive materials, Kippelen said. So instead of paper-based solar farms becoming the norm, he predicts low-power applications, such as computer covers and mousepads, for CNC-based solar cells.

Cellulose-based OLEDs, which have performance comparable with current devices, show greater potential for market adoption. "The trend in flat-panel displays is larger size and higher resolution," Kippelen said. "Glass substrates, however, pose manufacturing and transportation problems because of their rigidity and breakability. And plastic has problems at the end-of-product lifecycle."

Yet with the low cost and flexibility of paper-based OLEDs, flat panel displays could be the size of a wall.

Events Organized:

Three Day workshop on PLC conducted by APSSDC



APSSDC Training Workshop Successful Completion of PLC conducted by APSSDC from 29th July 2019 to 31st July



Industrial Visit by II B.Tech Students to Power Grid Corporation India Ltd. Annavaram. On 24-08-2019



A Five day Short Term Course on Electric Vehicle Technology in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019.



Industrial Visit by III B.Tech Students to Dr. NTTPS, Ibrahimpatnam. On 21-09-2019



One-day Technical Lecture on "Energy Conservation and Management" on 20-09-2019.



Department of EEE is organized 5-day Faculty Development Programme on "Programmable Logic Controller" with Hands on Experience in Association with APSSDC-SIEMENS from 18th – 22nd November 2019.

Faculty Focus:



Department of EEE is organized 5-day Faculty Development Programme on "Programmable Logic Controller" with Hands on Experience in Association with APSSDC-SIEMENS from 18th – 22nd November 2019. HoD EEE Dr.P.Lakshmanan and Mr. Chandrasekhar attended AICTE Sponsored one week Short Term Course on Modelling and Real Time Implementation of Electrical System conducted by NITTTR, Chandigarh. From 4th to 9th November-2019

1. Dr.P.lakshmanan attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
2. Sk.Md.Shareef attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
3. P.D.V.S.K.kishore attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
4. M.Chandra Sekhar attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
5. Sk.Karimulla attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
6. K.Naga Brahma Chari attended Workshop on Electric Vehicle Technology organized by NEC EEE in Association with NITTTR Chandigarh 26th August 2019 to 30th August 2019
7. B.Praveen kumar attended FDP on Programmable Logic Controllers organized by NEC EEE in Association with APSSDC Chandigarh 18th to 22nd November-2019
8. G.Nagaraju attended FDP on Programmable Logic Controllers organized by NEC EEE in Association with APSSDC Chandigarh 18th to 22nd November-2019
9. J.Sunil Babu attended FDP on Programmable Logic Controllers organized by NEC EEE in Association
10. G.Naveen attended FDP on Programmable Logic Controllers organized by NEC EEE in Association with APSSDC Chandigarh 18th to 22nd November-2019.
- 11.M.Subramanyam attended FDP on Programmable Logic Controllers organized by NEC EEE in Association with APSSDC Chandigarh 18th to 22nd November-2019

- 12.Dr.P.Lakshmanan successfully completed NPTEL course on "SmartGrid"
- 13.Mr.J.Sunil Babu successfully completed NPTEL course on "Smart-Grid"
- 14.Mr.Sk.Karimulla successfully completed NPTEL course on "Smart-Grid"
15. G.nagaraju successfully completed NPTEL course on "Fundamentals of Electrical Engineering".

Student Focus:

T.Vamsi Krishna Secured first Prize in "Technical Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

M.Rajesh Krishna Secured first Prize in "Technical Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

M.Rajesh Secured Second Prize in "General Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

Sk.Nagur Basha h Secured Second Prize in "General Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

VRama Krishna secured Second Prize in "Technical Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

G.Mani Maheswara Rao secured Second Prize in "Technical Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

THari Teja Rao secured Second Prize in "Technical Quiz "VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

G.Mounika participated "Paper Presentation""VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

T.Nikitha Reddy participated "Paper Presentation""VIDYOUTH-2K19 organized by JNTUK University college of Engineering Narasaraopet

Alumni Voice:



I would always be grateful to NEC for giving me multi-dimensional learning by providing the apt mix of academics, industry exposure, attitude and leadership. I would also like to thank to the professors for getting me the campus placement at CAPGEMINI as it's always special for a student getting placed for the first time. The professors are all dedicated experts and helpful in their respective subjects. I will always cherish the feeling of studying at an institute which focused on career enhancements along with overall skill development.

R.Anusha

working as Software Engineer in CAPGEMINI, Bangalore.

Student Voice:



I am proud to be part of NEC, the college not only imparts knowledge but also instills life skills in us to make us responsible person. In this competitive and expensive era the objective of NEC imparting quality education of affordable cost in really praise worthy. Thanks to all my staff and NEC group.

-S.Sagar Sailaja



DEPARTMENT OF MECHANICAL ENGINEERING

WE BUILD MACHINES THAT BUILD NATION



Vision

- To strive for making competent mechanical engineering Professionals to cater the real time needs of Industry and Research Organizations of high repute with entrepreneurial skills and ethical values.

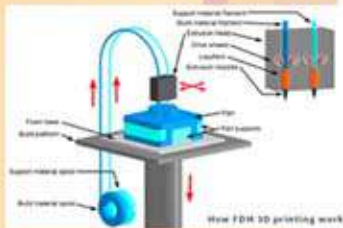
Mission

- To train the students with state of art infrastructure to make them industry ready professionals and to promote them for higher studies and research.
- To employ committed faculty for developing competent mechanical engineering graduates to deal with complex problems.
- To support the students in developing professionalism and make them socially committed mechanical engineers with morals and ethical values.

New Trends in Technology

3D Printing Technology:

3D printing technology is one additive manufacturing technology which involves mechanical, electronics, optics, materials and other disciplines.



Bio-Organ Printing:

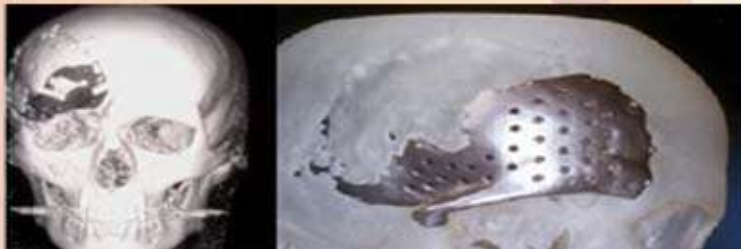
Organ and body tissue regeneration is an incredible ability observed in plants, vertebrates, and mammals. However, this ability is naturally very limited in humans. Regenerative science is expected to provide replacement tissue and entire organs by applying tissue engineering which begins with living cells that are multiplied. The cells are seeded into a 3D containment structure that facilitates the directed 3D growth and proliferation while also providing nutrients to the cells.

Dental Implants:



Skull and Jaw Implants:

Researchers have shown that 3D printed parts can be used as bone replacement for people whom lost part of their skull or jaw in an accident.



FACULTY FOCUS:

Faculty Publications:

Dr. D.Suneel kumar Dean of academics & Head of mechanical department Ph.D thesis "Synthesis & Characterization of Metal Matrix Nanocomposites", got published as a book by Lambert academic publishing, Europe



Workshops Attended:

In mechanical Department P.Suresh babu associate professor have attended workshop on "Entrepreneurship workshop on Venture Development Ready stage held on 3rd July 2018 at V.R. Siddhartha Engineering College, Vijayawada, AP.



Dr.M.Sreenivasa kumar, principal -NEC, Dr.D.Suneel HOD mech dept & Dean of academics, attended i2E programme on 4 July organized by APSSDC in association with North-Eastern University, Boston, USA at Vijayawada-AI Convention Centre.

Dr. M. Sreenivasa kumar, principal -NEC, Dr.D.Suneel HOD mech dept & Dean of academics, attended IUCEE-AP programme on 7 July organized by APSSDC in association with SRM University, Chennai and received IUCEE-AP Chapter Consortium membership on behalf of Narasaraopeta Engineering College (Autonomous) at Gateway hotel, Vijayawada.

'ఎన్.ఇ.సి.'కి అంతర్జాతీయ సభ్యత్వం

నరసరావుపేటలో, జూలై 18 ప్రధానంగా : నరసరావుపేట ఐ.ఎన్.ఇ.సి. కళాశాల ఐ.ఎన్.ఎ. కళాశాలలో ఏర్పాటు చేసిన ఐ.ఎన్.ఇ.సి. సభ్యత్వం, ఏను సింగర్ సెమినార్. సెమినార్ ప్రధానంగా నిర్వహించిన కార్యక్రమంలో



సర్దింపు పూర్తి అందుతున్న కళాశాల ప్రతినిధులు

2017 ఐ.ఎన్.ఇ.సి. ఏను సింగర్ సెమినార్లో సర్దింపు అందించిన ఎన్.ఇ.సి. కళాశాల ప్రతినిధులు. కళాశాల ప్రతినిధుల ఛార్జ్ ఎన్.సి. కళాశాలలో నిర్వహించిన ఐ.ఎన్.ఇ.సి. సభ్యత్వం, ఏను సింగర్ సెమినార్ ప్రధానంగా నిర్వహించిన కార్యక్రమంలో

Lab technicians Sk.G.sharief & P.Narasimha rao attended "Computer Aided Metrology", workshop at Sree Vidyanikethan Engineering college, Rangampet, Chittoor(Dt), during 29 & 30 November 2018.



Dr.D.Suneel Dean of academics & Head of mechanical department gave a presentation on Science Technology Awareness fair for Rural community organized by Rural Development program at Hyderabad on 13th Dec 2018.

Faculty Certification Courses:

- 24 Faculty members have registered "INTERNATIONAL ASSOCIATION OF ENGINEERS", membership on 18 august 2018.
- P. Sravani assistant professor awarded with NPTEL online certification conducted by Indian Institute of Technology Kanpur.
- 24 Faculty members registered NPTEL certification courses.

DEPARTMENT ACTIVITIES:

• Department has organized Guest lecture on Finite Element Methods on 18-07-2018.



• Department has organized a five day faculty development programme on "3D PRINTING TECHNOLOGY WITH HANDS ON TRAINING", by Dr.K.Ravi kumar Professor NIT WARANGAL during 22 nd Nov to 27 th Nov 2018.



• Department has organized a Two day workshop on "NON DESTRUCTIVE EVALUATION" in association with Bharat Institute & Technical Services, Visakapatnam during 20th & 21st July 2018.



• On 5th December 2018 Vice Chairman of NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Sri Mittapalli Chakravarthi garu inaugurated Pollution Testing Centre at Mechanical Engineering Block. Honourable Secretary Sri Mittapalli Ramesh Babu garu also present for this memorable event.

STUDENT FOCUS:

INDUSTRIAL VISIT:

• Students of second year B section visited KUMAR PUMPS Tenali Guntur district as a part of industrial visit on 18th and 19th of July 2018.



• Department has organized a five days faculty development program on "OPTIMIZATION USING MATLAB" in association with NITTTR-Chandigarh from 27-08-2018 to 31-08-2018.



• Third Year A section students visited "Kumar pumps", Tenali Guntur on 1st August 2018 as a part of Industrial visit.

• Department has organized a two days workshop on "HEAT VENTILATION & AIR CONDITIONING", by Md.Sayeed (Action Engineers Pvt. Ltd.) on 18th Sep 2019.



• II Year A section students visited "Mittapalli Spinners",Narasaraopeta on 12 december as a part of Industrial visit.



• Department has organized a one Day Seminar on ADVANCED IN WELDING TECHNOLOGIES by a team of practicing Engineers from INDIAN INSTITUTE OF WELDING-Vizag Chapter on 29-09-2018. Faculty, Second, Third and Final year students of are participated.



• II Year C section students visited "Kumar pumps",Tenali Guntur on 12 december as a part of Industrial visit.

• Department has organized Mini project expo by final year students.



• II Year B section students visited "Mittapalli Spinners", Narasaraopeta on 14 december as a part of Industrial visit



• Department has organized Ayudha pooja in machine tools and metal cutting lab.



• II Year C section students visited "Mittapalli Spinners",Narasaraopeta on 17 december as a part of Industrial visit.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

“Attitude Amplified, Faults Rectified”



Vision

To emerge as a center of excellence in Electronics and Communication Engineering through student centric education and research focus to cater the current and future needs of society.

Mission

To provide best infrastructure for empowering the students with quality education to motivate them towards higher studies and research.

To provide qualified and experienced faculty for student centric teaching in order to mould the students as successful professionals in modern Electronics industry.

To inculcate leadership qualities, professional etiquette, ethical values and social responsibilities.

Modern Trends in Technology



Consumer electronics have become an essential part of our daily routine. It has penetrated every aspect of human life leading to aggressive investment and innovation by tech companies. Moreover, rise in disposable incomes, emerging middle-class, evolving life-style preferences, and the penetration of smart devices has contributed

to the overall growth of the global consumer electronics market. Having said that, 2020 is expected to be an important year for consumer technology ushering in the first fleet of 5G enabled smart phones, advanced AI consumer applications, self-driving vehicles and much more.

FACULTY FOCUS

FACULTY PUBLICATIONS:

In ECE Department Dr. V. Venkata Rao and M. Srinivasa Rao published a paper entitled “A Low-Power High-Speed CMOS Comparator for Precise Applications” in International Journal for Recent Development in Science and Technology, ISSN:2581-4575, Volume 3, Issue 9, Sept 2019, pp.8-15.

In ECE Department Dr. A. V. Nageswara Rao and Dr. V. Venkata Rao published a paper entitled “VLSI Architecture for Efficient DCT Image Compression”, in International Journal of Research and Analytical Reviews, E-ISSN:2348-1269, P-ISSN:2349-5138, Volume 6, Issue 2, Sept 2019, pp.1-16.

In ECE Department T. Indira, published a paper entitled “Design A High Speed Spin-Torque Transfer Magnetic Tunnel Junction (STT-MTJ) Non-Volatile Flip-Flops Based On Memory” in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, September 2019, pp:3690-3694.

In ECE Department A. Charles Stud, published a paper entitled “Interpolation of the Histogrammed MRI Brain Images for Resolution Enhancement” in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-11, September 2019, pp:1253-1257

WORKSHOPS ATTENDED:

In the department of ECE Mr. M.Srinivasa Rao has attended faculty Development program on Introduction to Research methodologies and MATLAB Programming for Optimization Techniques, sponsored by AICTE and organized by CBIT, Hyderabad from 25/11/19 to 30/11/19.

In the department of ECE Dr. V. Venkata Rao has attended A Short Term Training Programme through ICT Mode on Effective Teaching organized by CSE Department, NEC in association with NITTTR, KOLKATA from 15/07/2019 to 19/07/2019.

In the department of ECE Dr. K. Srinivasa Ravi has attended A Short Term Training Programme through ICT Mode on Effective Teaching organized by CSE Department, NEC in association with NITTTR, KOLKATA from 15/07/2019 to 19/07/2019.

In the department of ECE Dr. K. Raju has attended A Short Term Training Programme through ICT Mode on Effective Teaching organized by CSE Department, NEC in association with NITTTR, KOLKATA from 15/07/2019 to 19/07/2019.

In the department of ECE, Dr. B. Raghavaiah has attended A Short Term Training Programme through ICT Mode on Effective Teaching organized by CSE Department, NEC in association with NITTTR, KOLKATA from 15/07/2019 to 19/07/2019.

In the department of ECE Dr. A. V. NageswaraRao has attended A Short Term Training Programme through ICT Mode on Effective Teaching organized by CSE Department, NEC in association with NITTTR, KOLKATA from 15/07/2019 to 19/07/2019.

In the Department of ECE Mr. SK. Zuber Basha has attended A Six-Day FDP on Basic Robotics organized by VVIT College, GUNTUR association with APSSDC-SIEMENS CENTRE OF EXCELLENCE from 01/07/2019 to 06/07/2019.

FACULTY ACHIEVEMENTS

In ECE Department Mr. G. Srinivasa Rao, Mr. Ch. Suresh Babu and Mr. G. Sai Ganesh qualified in APRCET-2019.

FACULTY CERTIFICATION COURSES:

In ECE Department Mr. Ch. Karthik has successfully completed NPTEL course in The Joy of Computing using Python in ELITE grade with 81%.

DEPARTMENT ACTIVITIES:

• Department of ECE organized a 3-Day Workshop on Problem-solving with PYTHON for II B.Tech. ECE-B students in association with APSSDC during 26th – 28th December 2019. This workshop helps the students to improve their knowledge in coding using Python. A total of 57 students participated in this workshop.



Principal Addressing the students

• Department of Electronics and Communication Engineering organized A Short Term Course on VLSI Chip Design Hands-on using Open Source EDA Tools from 16/12/19 to 21/12/19 in association with MNIT Jaipur and total 41 members participated in this event. Dr. B. Raghavaiah, Associate Professor acted as Coordinator for this programme.



Faculty Participants in VLSI CHIP DESIGN HANDS-ON USING OPEN SOURCE EDA TOOLS

• Department of Electronics and Communication Engineering organized A Faculty Development Program during 18/11/19 to 22/11/19 on Recent Trends in IC Design Using Mentor Graphics EDA Tools by Mr. B. Narendra, Dr. V. Ramesh and Dr. Garimella Rama Murthy, Mahindra Ecole Centrale, Hyderabad. Coordinator for this program was Dr. A. V. Nageswara Rao, Associate Professor, NEC, ECE. A total of 45 faculty members have participated in this FDP program.



Felicitating to Resource Person Dr.V. Ramesh, Professor SRM-AP

• Department of Electronics and Communication Engineering organized A Guest Lecture on "Importance of Goal Setting" for First B.Tech.students by Dr.Garimella Rama Murthy, Mahindra Ecole Centrale, Hyderabad on 21-11-2019. Total number of student participants are 60



Dr. Garimella Rama Murthy addressing the students

• Department of Electronics and Communication Engineering organized Awareness Program on GATE by Mr. B. Lakshman, Managing Director, GATE 10X Academy, Ongole for third B.Tech. students on 04-10-2019. A total of 150 students have participated.

• Department of Electronics and Communication Engineering organized A Seminar on Present and Future Trends in Telecommunications by Mr. P. Ravi Prasad Rao, Consultant at Communications in ITE&C, Govt of A.P. on 30/09/2019. Total numbers of participants are 210.



Principal, Participants and Chief guest Mr. P. Ravi Prasad Rao

• Department of Electronics and Communication Engineering organized A one day workshop for faculty on eSim, a First Course in the IoT Series under PMMMNMTT, MHRD Govt of India in association with IIT Bombay on 21/09/2019. Total number of participants are 30.



Mr. A. Satish addressing the participants

• Department of Electronics and Communication Engineering organized Seminar on Role of Engineer for Societal Needs and Career Planning and Guidance by Mr. A. Satish IRSE, Dy. Chief Engineer, North Frontier Railways, on 30/08/2019. Total numbers of participants are 145.

• Department of Electronics and Communication Engineering organized an Awareness program on Career guidance by Mr. U. Venkateswara Reddy, CEO, Worldwide Education and Careers Division on 20/08/2019. Total numbers of participants are 160.

• Department of Electronics and Communication Engineering organized AICTE sponsored Two Week FDP during 29/07/2019 to 10/08/2019 on Emerging Trends in Machine Learning for Biomedical Applications. The resource persons are Dr.Lov Kumar, Dr. S. Priyanka, Dr. C. Srilatha, Dr. Md. Farukh Hashmi, Dr. H. Prasanna Kumar, Dr. U.S. Raghupathy, Dr. Usha Rani Nelakuditi, Dr. P. Sudhakar, Mr. T. V. Rao, Mr. Anil Upadhyay. A total of 69 faculty members from various colleges have participated in this FDP.

• Department of Electronics and Communication Engineering organized A Five Day FDP on VLSI Chip Design Hands-on using open Source EDA Tool Electronics in association with ICT Academy MNIT, Jaipur during 08/07/2019 to 12/07/2019. Total number of faculty Participated in FDP are 44.

STUDENT FOCUS

PLACEMENTS

43 students of ECE got selected in various companies such as TCS, Wipro, HCL, IBM Infosys, EDUFIC .

STUDENT CERTIFICATIONS:

• In the department of ECE, the following students have successfully completed NPTEL certification course on THE JOY OF COMPUTING USING PYTHON

17471A04J6	SHAIK AFRIN	ELITE	67
17471A04I3	PRABHU KUMATTEMPALLI	ELITE	73
18475A04I0	THOTA BHARATH	ELITE	75

• The following students of ECE department have successfully completed NPTEL certification course on PROBLEM SOLVING THROUGH PROGRAMMING IN C

18471A04E4	IRRI SRAVANI	56%
18471A04G6	SHANMUKA VENKATESH R	54%
18471A04H3	SHAIK SAJID	40%
18471A04H7	SYED MASIVULLAH	57%
18471A04G7	RAMYA PRIYA MEKA	48%

• The following students of ECE department have successfully completed NPTEL certification course on DEVELOPING SOFT SKILLS & PERSONALITY

18471A04C9	BITTU NARESH	ELITE	65%
18471A04G9	JOHN VALI SHAIK	ELITE	63%
18471A04D2	B. PAVAN KALYAN REDDY		58%
18471A04G3	PONUGOTI VIJAY KRISHNA	ELITE+ SILVER	86%

• The following students of ECE department have successfully completed NPTEL certification course on CONTROL SYSTEMS

18471A04G6	SHANMUKA VENKATESH R	52%
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STUDENT PARTICIPATION:

• In department of ECE, II B.Tech students M. Venkatesh, Sk. Md. Ashraf, K. Sai Surya and Sk. Shjahan are participated in IoT Workshop organized by IIT Tirupati in Association with Tirutsava from 28th and 29th Sept 2019.

• In department of ECE, II B.Tech.students A.Ramesh participated in Workshop organized by KHIT GUNTUR on 13th September 2019.

• In department of ECE, II B.Tech.students K.Yeswanth Sairam participated in Workshop organized by VVIT, Nambur on 13th September 2019.

• In department of ECE, II B.Tech students D.Sravani participated in Workshop organized by VVIT, Nambur on 22nd Dec 2019.

ACADEMIC TOPPERS

The following are toppers in the I Semester of 2019-20 academic year in their respective classes.

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
Department of Electronics & Communication Engineering
IV B.TECH. I SEMESTER, ECE Toppers List (2016 Batch)

 KANCHARLA KUSALA 16T1A002 8.91	 DALAPRATHI SVARASARATHINA 16T1A006 8.91	 KARNATI SUR RAJESH 16T1A008 8.91	 SHAKI SRINATH 16T1A043 8.92	 SHAKI REJITH 16T1A062 8.77	 PERUGONDA VENUGA SRI 16T1A041 8.77
 CHIDHURATHI DIVYAN 16T1A071 8.77	 KODURU HARIVISHWAKATHA 16T1A032 8.77	 SHAITTA SALLAKSHMI 16T1A067 8.84	 SOTTAM RAJANAN REDDY 16T1A075 8.84	 GOPALI SRINI NAB 16T1A067 8.84	 ANE NAGA PAVAN 16T1A048 8.84

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
Department of Electronics & Communication Engineering
III B.TECH. I SEMESTER, ECE Toppers List (2017 Batch)

 MOHAMMED ZAKIR 17T1A081 8.78	 SHAKI AFRIDI 17T1A048 8.88	 DORASACHARI ENKER SUDHAN REDDY 17T1A049 8.88	 KOBUREDDY NALLA SUDHAKSHI 17T1A040 8.88	 SHAKALI SURESHKANTH 17T1A014 8.77
 NIMMI DEEPTHI SRI SRI 17T1A080 8.77	 CHANDRA CHANDRAN 17T1A071 8.77	 SURESH KISHOR 17T1A061 8.77	 P K S RAVI 17T1A039 8.77	 KARNATI SHWANTHI SRI 17T1A049 8.77

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
Department of Electronics & Communication Engineering
II B.TECH. I SEMESTER, ECE Toppers List (2018 Batch)

 NEELAM JYOTHSIRI 18T1A044 8.99	 KANAKA SRI SRI 18T1A030 8.99	 MADU CHAITANYA KUNAR 18T1A070 8.99	 HIRANATHI VASUDEVA 18T1A043 8.99	 ANANTHA LAKSHMI SURETHA 18T1A088 8.99
 IPPITHULLA TARITHA 18T1A046 8.99	 THONDAPATI BHARATHI 18T1A084 8.99	 ANJALISRETHY SURESH 18T1A062 8.99	 SRI SRINATH 18T1A041 8.99	 KANAKA SRI SRI 18T1A030 8.99

Alumni voice:

I am a student of NEC and would like to wholeheartedly announce that, NEC has provided me a wonderful environment and opportunity to learn and grow myself academically. It was a great time, spent in NEC. The four years I spent here was splendid and has helped me excel professionally as well as personally. Apart from academic, department offers various opportunities to enjoy our college days which was attracting us towards college many of the time. The relation between faculty and student is very cordial, which gave me an opportunity to excel further.



Dr. M. Surya Prakash
 (2005-2009 batch)
 Assistant Professor,
 Department of ECE NIT, Calicut

Student Voice:



Studying at Narasaraopeta Engineering College gave me the best experience of learning. NEC is a place where you can learn and explore more. It provides equal opportunities to both academics and non-academics. Most importantly every student has his/her own freedom to learn something to a large extent with a huge support by our HOD. NEC has got the best Training team who are more supportive to the students. With the help of training I have got placed in one of the biggest MNC TATA CONSULTANCY SERVICES.

Brundavanam VLN Vishnu Bharadwaj
 IV B.Tech.(16471A0429)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

Vision

- To become a centre of excellence in nurturing the quality computer science & engineering professionals embedded with software knowledge, aptitude for research and ethical values to cater to the needs of industry and society.

Mission

The Department of Computer Science and Engineering is committed:

- Mould the students to become software Professionals, researchers and entrepreneurs by providing advanced laboratories.
- To impart high quality professional training to get expertise in modern software tools and technologies to cater to the real time requirements of the industry.
- Inculcate team work and lifelong learning among students with a sense of societal and ethical responsibilities.

New Trends in Technology: Apache Spark



Apache Spark is an open-source distributed general-purpose cluster-computing framework. Spark provides an interface for programming entire clusters with implicit data parallelism and fault tolerance. Originally developed at the University of California, Berkeley's AMP Lab, the Spark codebase was later donated to the Apache Software Foundation, which has maintained it since. Spark has as its architectural foundation the Resilient Distributed Dataset (RDD), a read-only multiset of data items distributed over a cluster of machines, that is maintained in a fault-tolerant way

Faculty focus:

1. Four Ph.D. Degrees are awarded to different Scholars on various thesis from Acharya Nagarjuna University & Rayalaseema University under the guidance of Dr.S.V.N.Srinivasu in the month July, September, October & November respectively
2. Ph.D. Degree is awarded to Mr.Karnam Ramesh Rao on thesis entitled "Efficient and Cost Effective Measures to Preserve Communication Security and Privacy of Data in WSNs" JNTU Anantapur under the guidance of Dr.S.N.Thirumala Rao on 19-Dec-2019.

Papers presented & Published:

1. Dr.S.V.N.Srinivasu has presented a paper entitled "Integrated Clinician Decision Supporting System for Pneumonia and Lung Cancer Detection", in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-8 on July-2019.
2. Dr.S.V.N.Srinivasu has presented a paper entitled "Edge AI System for Pneumonia and Lung Cancer Detection", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-9, July 2019.
3. Dr.S.V.N.Srinivasu has presented a paper entitled "Efficient CNN for Lung Cancer Detection", International Journal of Recent Technology and Engineering (IJRTE) in the month of Jul
4. A paper entitled "End to End System for Pneumonia and Lung Cancer Detection using Deep Learning", in International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019 is Published by Dr.S.V.N.Srinivasu.
5. Dr. S.V.N Srinivasu, published a paper entitled "Query Computation Time and Its Performance over Distributed Database Frameworks", in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-12, ISSN: 2278-3075, on October 2019.

6. Dr. S.V.N Srinivasu, published a paper entitled "Accept and Scale Traditional News Elements By Utilizing Public Network Elements", in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-12, ISSN: 2278-3075 on October 2019.

7. A paper entitled, "Identifying System Location Specifics based on Classification of Worldwide Tweets", is published by Dr. S.V.N Srinivasu, in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-12, ISSN: 2278-3075, in the month of October 2019.

8. G.L.N.Jayaprada, published a paper entitled "Multiple Sequence Alignment by Differential Evolutionary Algorithm with New Mutant", in an International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-4, ISSN:2277-3878 on November-2019.

9. A paper entitled "The Robust Computer Aided Diagnostic System for Lung Nodule Diagnosis", published in an International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-4, ISSN:2277-3878 by Dr. S.V.N.Srinivasu in the month of November-2019.

10. O. Aruna, Presented a paper entitled "An Adaptive and Opportunistic Based Routing Protocol in flying Adhoc Networks", International Conference on Computer Networks, BigData and IOT, Madurai, on Dec '2019.

11. A paper entitled, "Pairwise Sequence Alignment by Differential Evolutionary Algorithm with New Mutation Strategy", published in International Journal of Engineering and Advanced Technology (IJEAT), Volume-9, Issue-2, ISSN:2249-8958 by G. L.N.Jayaprada, in the month of December-2019.

Department Activities:

Training Programs Conducted:



5-Day Short Term Course on "RURAL DEVELOPMENT THROUGH TECHNICAL INSTITUTION" from 29/7/2019 to 2/8/2019 in association with NITTTR-Kolkata.



A One Day Workshop on "LINUX" conducted by IIT-Bombay under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 23rd August 2019.

A Short Term Training Program with 54 participants On "Laboratory Safety Management (ICTSPL02)" by resource person Mr. Chinmoy Jana, from NITTTR Kolkata on 23-09-2019 to 27-09-2019.



A Three Day Workshop on "Entrepreneurship Awareness camp" conducted by NSTED from 15-OCT-2019 to 17-OCT-2019 with 80 participants.



Red Hat Linux workshop" coordinated by Red Hat India Pvt. Ltd. on 6-NOV-2019.

A one day workshop on "Rendezvous" organised by IIT Bombay in the department of CSE on 5-NOV-2019.



A Five-Day FDP on "Python Programming with Industry Perspective" with 43 participants coordinated by MNIT, Jaipur on 2-Dec-2019 to 6-Dec-2019.



A Three-Day Workshop on "RAPTOR TOOL" is organised by APSSDC with 55 Participants from 5-Dec-2019 to 7-Dec-2019.

A Five-Day Workshop on "Deep Learning and Applications" is coordinated by ELECTRONICS & ICT ACADEMY MNIT JAIPUR from 9-Dec-2019 to 13-Dec-2019.



A Six-Day Workshop on "SALES FORCE" is Organised ICT Academy with 50 participants from 9-Dec-2019 to 14-Dec-2019.

Student focus: Technical



Series of events like technical quiz, Puzzles and Programs on C and DS are conducted by the students in the campus on 31-July-2019 organised by CSI.



Code Contest on C-Programming on 26-July-2019 and technical Quiz on 11-July-2019 are conducted for the students which is organised under CSI



On the eve of Engineer's day (15/09/2019), CSI – NEC Student Branch has organized Paper Presentation Contest for CSI Students in the Area of Machine Learning on 14/09/2019. Winners are awarded with Prizes and certificates by the Chief guest of our Engineer's Day event 1st Position N. Sathya Swaroop, II – CSE- A, 2nd Position T. Bhargavika, III – CSE - D, 3rd Position, G. Sai Akhil, III – CSE – A.



A Six-Day Workshop on "Android App Development(PEER LEARNING)" was organised by III- Year students with 29 participants from 2-Dec-2019 to 7-Dec-2019.

Alumni Voice

NEC is one of the best college in Andhra Pradesh with excellent infrastructure, E- classrooms, education and placements. Students trained with the latest technologies to meet the industry standards. Workshops are conducted in every department. We could improve both physical and mental strength by participating in all indoor and outdoor games. Because college has infrastructure to encourage sports along with studies. Placements starts from the beginning of the 4th year for all Engineering students, which helps to build our career.



B. Lakshmi Deepthi
(14471A05F7)
Working in
Glenwood Systems

Student's Voice

I feel very proud to be a part of NEC. My Knowledge has been enriched by taking technical challenges in our department. NEC is a Technical hub where we can learn different advanced technologies, which are being used in several companies. I got more opportunities to groom myself.



B. Vamsi Krishna
15471A05J9

New Trends in Technology:

Methane emitted by humans vastly underestimated



Methane is a powerful greenhouse gas and large contributor to global warming. Methane emissions to the atmosphere have increased by approximately 150 percent over the past three centuries, but it has been difficult for researchers to determine exactly where these

emissions originate; heat-trapping gases like methane can be emitted naturally, as well as from human activity.

University of Rochester researchers Benjamin Hmiel, a postdoctoral associate in the lab of Vasilii Petrenko, a professor of earth and environmental sciences, and their collaborators, measured methane levels in ancient air samples and found that scientists have been vastly underestimating the amount of methane humans are emitting into the atmosphere via fossil fuels. In a paper published in Nature, the researchers indicate that reducing fossil fuel use is a key target in curbing climate change.

"Placing stricter methane emission regulations on the fossil fuel industry will have the potential to reduce future global warming to a larger extent than previously thought," Hmiel says.

Faculty Focus:

1. Dr. K. Ponnari Lakshmi, Prof. & HOD of BS&H attended an FDP, on EFFECTIVE TEACHING, conducted by NITTR, Kolkata from 15-07-2019 to 19-07-2019 at NEC.

2. Dr. K. Ponnari Lakshmi, Prof. & HOD of BS&H attended an FDP, on Rural Development through Technical Education, conducted by NITTR, Kolkata from 29-07-2019 to 02-08-2019 at NEC.

3. Dr. Sk. Mohiddin Shaw, Assoc. Prof. of Mathematics attended a conference on MATHEMATICAL SCIENCES (ICMS-2019), from 11-11-2019 to 13-11-2019 at Smt. Gemtela Sakuntamma College, Jaggayyapet, Krishna (Dt.).

4. Dr. G. Dharmiah, Assoc. Prof. of Mathematics attended a conference on MATHEMATICAL SCIENCES (ICMS-2019), from 11-11-2019 to 13-11-2019 at Smt. Gemtela Sakuntamma College, Jaggayyapet, Krishna (Dt.).

5. Dr. G. Dharmiah, Assoc. Prof. of Mathematics attended an FDP on PYTHON PROGRAMMING WITH INDUSTRY PERSPECTIVE, conducted by Electronics & ICT Academics on 02-06-2019 at NEC.

6. Smt. J. Radhika, Asst. Prof. of Mathematics attended an FDP on Rural Development through Technical Education, conducted by NITTR Kolkata, from 29-07-2019 to 02-08-2019 at NEC.

7. Dr. J. Srinivasar Rao, Assoc. Prof. of Chemistry attended a conference on Advances in Chemical Sciences and Technologies, from 23-09-2019 to 25-09-2019 at NIT – Warangal.

8. Dr. K. Ephraim Babu, Assoc. Prof. of Physics attended an International Conference on International Forum on recent trends in Physics, Chemistry and Allied Sciences for Sustainable Development, from 27-09-2019 to 29-09-2019 at St. Theresa's College for Women, Eluru.

9. Dr. K. Ponnari Lakshmi, Prof. & HOD of BS&H has successfully completed a certificate course on "Body language; key to professional success" from NPTEL, November, 2019.

10. Mr. G.R.K. Murthy Asst. Prof. Department of English, has successfully completed a certificate course on "Body language; key to professional success" from NPTEL, November, 2019.

11. Smt. V.Aruna Asst. Prof. Department of English, has successfully completed a certificate course on "Body language; key to professional success" from NPTEL, November, 2019.

12. Mr. Ramkrishna Mitra Asst. Prof. Department of English, has successfully completed a certificate course on "Body language; key to professional success" from NPTEL, November, 2019.

13. Mr. Z.Mohana Rao Asst. Prof. Department of English has successfully completed a certificate course on "Inter Personal Skills" from NPTEL, November, 2019.

14. Mr. M.Purnachandra Rao Asst. Prof. Department of English has successfully completed a certificate course on "Enhancing Soft Skills and Personality" from NPTEL, November, 2019.

15. Smt. V.Aruna Asst. Prof. Department of English attended an International Seminar at PV Siddhartha College of Arts and Science Vijayawada, from 19-12-2019 to 20-12-2019.

16. Smt. V.Aruna Asst. Prof. Department of English published a paper in "Langlit India" an International Peer Reviewed Journal "Feministic Views and Social Perspectives in Anita Nair's Ladies coupe and "The Batter man" in Sep-2019.

17. Mr. G.R.K.Murthy Asst. Prof. Department of English published a paper in "Langlit India" an International Peer Reviewed Journal "Comparison and Contrast of R.K. Narayan's child characters with the child characters of Anton Chekhov" in Sep-2019.

18. Mr. G. Nagaraju Asst. Prof. Department of Chemistry has successfully completed a certificate course on Technologies for clean and Renewable Energy Production from NPTEL, September -2019.

19. Mr. N.Dinesh Asst. Prof. Department of Chemistry has successfully completed a certificate course on Technologies for clean and Renewable Energy Production from NPTEL, September -2019.

20. Dr. Ephraim Babu Asso. Prof. Department of Physics as attended a National Conference conducted by Department of Physics and Botany, from 18th to 19th December, 2019 at Pithapur Raj's Govt. College, Kakinada

21. Dr. Ephraim Babu Asso. Prof. Department of Physics as attended an International Conference on Multifunctional Materials, conducted by Department of Physics, from 19th to 21th December, 2019 at Geetanjali College of Engineering, Keesara, Telangana.

22. Dr. G.Dharmiah, Assoc. Prof. of Mathematics, has published a paper entitled "Effects of Radiation and Radiation Absorption On University Mhd Flow Past A Vertical Porous Flat Plate In A Rotating System With Chemical Reaction in A Nanofluid" in an International Journal of Advanced Trends in Computer Applications, July – 2019.

23. Dr. G.Dharmiah, Assoc. Prof. of Mathematics, has published a paper entitled "Chemical Reaction Influence on General Fluid", in International General of Innovative Technology and Exploring Engineering (IJITEE), December, 2019.

24. Dr. Ephraim Babu Asso. Prof. Department of Physics Published a paper on "Synthesis, Characterization and Electrochemical properties of a Fluoride-substituted Spinel LiMn₂O₄ Cathode material", in Journal of the Korean Physical Society 2019.

DEPARTMENT OF MBA

Manager - He, who do things right

Vision

To emerge as an excellent learning experience in the field of management and develop leadership capabilities to withstand global challenge thus make MBA distinctive, Research oriented and professional programme that is equipped to build on the twin pillars of theory and practice.

Mission

To impart and nurture managerial and entrepreneurial skills in the students
To build intellectual capabilities
To create a competitive environment for student to upgrade their knowledge and sharpen the skills
To encourage the faculty and students to undertake research and consultancy assignments promoting self-employment through entrepreneurship
To impart the value based management education through innovative teaching methodology
To develop person in to personality with moral values and social responsibility
To offer the best professional development and career management opportunities through In class Placement and Industry Institute Partnership Cell.

New Trend in Business



Business analytics refers to the skills, technologies, practices for continuous iterative exploration and investigation of past business performance to gain insight and drive business planning. Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods

Faculty Focus

Dr. S. Venkata Ramana "HRD - Banks in the ICT Era a Focus on Private sector Banks" web of sciences (ESCI) Vol. - 14 Issue No. - 5 September - October-2019 ISSN: 0973-8975.

Dr. S. Venkata Ramana "HRD - Banks in the ICT Era a Focus on Private Sector Banks" A national conference on "Strategies for sustainable Business Growth and Innovation" organized by Vignan's University, Vadlamudi on 9th & 10th August, 2019 ISSN: 0973-8975.

Student Focus

Our 2nd year MBA students A. Lohit Jaya Kumar & Y. Manohar Babu participated UDBHAV-2K19, on 19th October, 2019 Vignan, Vadlamudi & got 1st prize.

Placements

24 students of MBA got opportunities in various companies like Vivo and Spandana Spoorly Finance Ltd in DEC-2019.



Our 2nd year MBA students celebrated fresher's day for 2019 batch MBA students those who got opportunity for MBA admission.

Department of MBA organized a one day Workshop on "Role of Intellectual Property Rights in Innovation Management and Academia Industry Collaboration" by Dr B K Sahu, Regional Manager, NRDC, Govt of India- IPFC & TISC, Visakhapatnam and Mr P Murali, MD, M/s Novel Patent Service Private Limited, Vizag on 22-08-2019.



Department of MBA organized a One day workshop on Realistic Preview of Corporate world by Harshavardhan Gad-dalae, Strategic Business Advisor for both 1st & 2nd year MBA students on 27-09-2019.

Our 1st year MBA students went to Sangam Dairy Pvt. Ltd, Vadlamudi, Guntur as a part of the industrial visit on 19-11-2019. They were exposed to lot of information about production and marketing aspects of the dairy products.



Department of MBA organized a One day workshop on Food Processing with FPOs and Industries by Sri L. Sridhar Reddy, AP Food Processing Society Industries & Commerce Dept, A.P. for both 1st & 2nd year MBA students on 05-12-2019.

Alumni Voice



It is an immense pleasure to say that I was a part of NEC. It helped me a lot to derive the inherent talents in myself to meet the career-requirements. I hearty thank my faculty for helping me to develop managerial skills.

G. Sudhakar (2006-2008)
Factory Manager in
Nanda Feeds Pvt. Ltd., Karnataka

Student's Voice



I feel proud to be a part of NEC. It provides me great opportunity to enter the corporate business world.

T. Harish Kumar
MBA IVSem
HT.No: 18471E0047

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Technology is teaching us to be human again



Vision

- To impart quality technical education to students focusing on computer application knowledge imbued of Software Development and maintenance with entrepreneurship and real time usage of industry and societal needs.

Mission

- Impart the knowledge of modern software tools to meet the challenges in Competitive fields of Computer Science and engineering
- Imparting employability skills to students.
- Encourage research activities among students with advanced softwares and tools.

New Trends in Technology

Java

Java is a popular and universal language. More than three years after the release of java 8, the next version is release in September 2017. It has nine exciting new features that will ship with java 9: The java platform module system, Linking, JShell, Improved Javadoc, collection factory methods, Stream API improvements, private interface methods, HTTP/2etc.

Frameworks

In general, a framework is a real or conceptual structure intended to serve as a support or guide for the building of something that expands the structure into something useful.

Python

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding; make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together.

R Programming

R programming language is best for statistical, data analysis and machine learning. By using this language we can create objects, functions, and packages. We can use it anywhere. It is platform- independent, so it can be applied to all operating system. It is free, so anyone can install it in any organization without purchasing a license. R is open source.

IOT

The Internet of Things (IoT) is the network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these things to connect and exchange data, creating opportunities for more direct integration of the physical world into computer-based systems, resulting in efficiency improvements, economic benefits, and reduced human exertions.

Faculty Focus

Our faculty member M. Aparna completed NPTEL online course on "Python for Data science" on Nov-2019.

Student's Focus

Toppers of III MCA V Semester



P.VATSALYA
17471F0001
9.27



D.LIKITHA
18475F0012
9.27



M.PAVANI
17471F0013
9.09



G.A.SAI RAMYA
17471F0024
9.09



S.SRESTA
17471F0040
9.09



P.B.M.N.DURGA RAO
18475F0024
9.09

Toppers of II MCA III Semester



K.S.SRAVANTHI
18471F0001
8.91



G.SAI SRI
19475F0003
8.64



G.GOUTHAMI
19475F0010
8.64



SK.JAKIRA
19475F0029
8.64



P.J.V.N.SUDHAKAR
19475F0004
8.55



SK.B.SHAREEF
19475F0020
8.55



P.SRIVIDYA
19475F0023
8.55

Alumni Voice



The management of NEC provided not only peaceful college environment but also library and internet facilities to its students which helped me not to explore new things but also upgrade my skills. I always grateful to the management.

G. Manasa Veena
2016-19 Batch

Student's Voice



I am very proud to be a part of this department. The technical activities conducted by the department are not only interesting but also enhance my technical and programming skills.

B. TEJASWINI
III MCA VI SEM

TRAINING AND PLACEMENT CELL

We Train, You Excel



Vision

To impart necessary training to our students to meet the expectations of the industry and to achieve 100% placement by providing them adequate job opportunities.

The Central Training and Placement Cell are committed to the professional progress of NEC students through integrating the career issues within an academic environment for realizing their best possible career path.

Mission

Mission of T&P cell is to provide opportunities for industry oriented training to all students, impart appropriate training to students for making them industry ready, guide them for higher studies & motivate them to become entrepreneur instead of job seekers.

About NEC TPC: Training & Placement Department is the most crucial part which plays an important role in providing opportunities to the student by arranging campus interviews. In NEC, the TPC is highly supported by its teaching faculty of various departments.

Training at NEC

S.No.	Department	Name of the Training Programme Seminar/workshop/ conference	Name of the resource person and organization	Name of the Co-ordinator	Dates of the event	No. of Participants
1	B.Tech (IV yr students)	TCS Ninja	Talentio	Ananda Oliveti -TPC	1 st July-21 st Aug'19 1 st July-21 st Aug'19 (21 days)	200
2	IV B.Tech Students	TCS Ninja	Six Phrase	Ananda Oliveti -TPC	1 st July-21 st Aug'19 1 st July-21 st Aug'19 (21 days)	400
3	IV B.Tech Students	TCS Ninja	External Freelance Trainers	Ananda Oliveti -TPC	1 st July-21 st Aug'19 1 st July-21 st Aug'19 (21 days)	150
4	II B.Tech Students	Regular CRT	External Freelance Trainers	Ananda Oliveti -TPC	3 rd to 14 th Sep'19	800
5	III B.Tech Students	Regular CRT	External Freelance	Ananda Oliveti -TPC	3 rd to 19 th Sep'19	800
6	IV B.Tech Students	CTS Specific	Talentio	Ananda Oliveti -TPC	16th to 28th Sep'19	200
7	B.Tech+MCA (II & III Students)	Technical Training	External trainers + TV rao sir	Ananda Oliveti -TPC	20th to 28th Nov'19	400
8	B.Tech+MCA (III Students)	Infytq + Codevita	ULS	Ananda Oliveti -TPC	8th Dec-26th Dec'19	200
9	B.Tech (IV Students)	TechM specific	Talentio	Ananda Oliveti -TPC	23rd to 28th Dec'19	50
10	B.Tech (II Students)	General CRT	Freelance	Ananda Oliveti -TPC	15th Dec'19 -20th Jan'20	800

Overall Placed Students (Jan - June 2020)

Sl.No.	Name of the Company	Selected Students	Annual Package
1	VALUE LABS	3	3.0 LPA
2	UTS	1	2.0 LPA
3	RIDSYS	3	1.8 LPA
4	TIVEN TECHNOLOGIES	17	4.0 LPA
5	KASURA TECHNOLOGIES	1	2.5 LPA
6	TATA STRIVE	27	4.2 LPA
7	TECHNOVERT	1	1.72 LPA
8	MAQ SOFTWARE	2	3.0 LPA
9	TCS	22	2.8 LPA
10	HEXAWARE TECHNOLOGIES	17	1.44 LPA
11	VIRTUASA	1	3.6 LPA
12	VIVO	13	1.8 LPA
13	WIPRO	13	1.92 LPA
14	GGK	6	2.83 LPA
15	RVM CONSTRUCTIONS	10	3.25 LPA
16	CTS	14	1.8 LPA
17	HCL	1	1.8 LPA
18	SOFTSUVAE	6	4.0 LPA
19	CGI	5	3.2 LPA
20	LEXICON INFOTECH	4	
21	INTITUTION SYSTEMS	7	
22	APPS ASSOCIATE	2	
23	SPANDANA SPHOORTHY PVT LTD	10	
24	INFOSYS	9	
25	IBM	2	
26	EDUFIC	20	
27	SNOVASYS SOFTWARE SOLUTIONS	3	
28	SAVANTIS SOLUTIONS	19	
29	MULTIPLIER SOLUTIONS	7	
30	WICKERIDE	16	
31	CSS Corp	8	



Sri. Dr.Gopireddy Srinivasa Reddy Garu, Narasaraopeta MLA, active participation in Blood Donation Program on 08-07-2019 at Block-3, Main Seminar Hall.



Our college NSS Unit organized Vanam – Manam program on 20-08-2019 as per direction from District Collector Sri. Samuel Anand Kumar Garu.



Dr.K.V.S.G.Murali Krishna, former JNTUN Principal and Personality Development Trainer addressing the students in an awareness program on "Career Guidance" to the B.Tech and MBA students on 20-07-2019.



Our Hon'ble Principal Dr.M.Sreenivasa Kumar Garu felicitating the chief guest with a memento.



Our NSS volunteers actively participated in a 4 days "Traffic Control Program" at various centres in Narasaraopet Town from 24-08-2019 to 28-08-2019.



Our college NSS Unit organized a Debate Competition on the topic "Water Crisis in India" on 22-07-2019 as a part of Jal Shakthi Abhiyaan Campaign by MHRD, Govt. of India.



On 30-07-2019 our college NSS Unit organized an Essay Writing Competition on the topic "Mahatma Gandhi's Life" on the eve of 150th Birth Anniversary Celebration of Mahatma Gandhi



Our college NSS Unit organized a 'Free Blood Grouping Test' in co-ordination with NRT Blood Bank, Narasaraopet on 19-09-2019 to all branches of B.Tech 1st year, MBA and MCA students.



Our Hon'ble Vice-Chairman Sri.M.Chakravarthi Garu actively participated in Free Eye Check-Up Camp organized by our NSS Unit in co-ordination with Nayana Eye Hospital, Vijayawada in campus premises on 13-09-2019.



Our college NSS Unit organized a rally on "Awareness on Plastic Waste Pollution and Recycling and Effective Disposal of Collected Plastic Waste" on the eve of NSS Formation Day i.e 24-09-2019.



On 26-09-2019, our college NSS volunteers collected Rs.14,500/- and donated to Mr.M.Murali Krishna, II Year Mechanical student of Eswar Engineering College, Narasaraopeta who is suffering from Kidney disease.



NSS volunteers actively participated and won prizes in competitions as a part of Youth Festival organized by AP State Youth Affairs Wing on 27-09-2017 at Bhuvana Chandra Town Hall, Narasaraopet. Our Hon'ble Chairman Sri.M.V.Koteswarao Garu and Principal appreciated the winners.



Sri.B.K.Dil Reddy Guruji (Raja Yogi) Mount Abu, Rajasthan of Brahma Kumaris Organisation in a spiritual session, addressing the students about how to achieve goals, maintaining proper nutritional intake and stress releasing methods on 11-09-2019.



As per MHRD, New Delhi initiative, our college NSS Unit celebrated "National Unity Day" on the eve of Birth Anniversary of Sri.Sardar Vallabhai Patel" and conducted Essay Writing Competition and Elocution Competition on the topic "The Role of Sri.Sardar Vallabhai Patel in National Integration".



On 21-12-2019, NSS volunteers participated in a rally in Narasaraopet town in co-ordination with JNTU college of Engineering, Narasaraopet in support of Disa Act, 2019.



Our college NSS volunteers 4th year Mechanical Branch students distributed fruits to the old age people resided in Vasavi Kanyaka Parameswari Old Age Home in Narasaraopet town on 23-12-2019.



JNTUN Principal Dr.V.Subba Rao Garu actively participated in the rally along with faculty and students.



DEPARTMENT OF PHYSICAL EDUCATION



S. No.	Roll No.	Name of the student	Dept.	Name of the Sport / Game Event	Venue	Date/s of the event	Organized by	Prize if any
1	16471A0352	SAI KRISHNA THOTA	III ME	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
2	17475A0108	DAPPINA VENKATA SIVA RAJASEKHAR REDDY	III CIVIL	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
3	17475A0406	AKULA AJAY KUMAR	III ECE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
4	16471A04G3	CHANDALURI KALYAN CHAKRAVARTHY	III ECE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
5	17475A0224	LAVURI GOPI KRISHNA	III EEE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
6	17475A0315	PURIMITLA SIVA SAGAR	III ME	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
7	17471E0009	DARSI VENKATESH	II MBA	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
8	17471A0374	BIRUDU RAVITEJA	II ME	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
9	18471A0421	GOPU GANESH SIVA SAI	I ECE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
10	18471A0238	VADLAMUDI SAMBASIVA RAO	I EEE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
11	16471A04B2	KUNCHALA VENKATA VAMSI	III ECE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
12	18471A04H5	SINGAREDDY RAJASEKHARA REDDY	I ECE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE
13	18471A05B5	VALLABHAPURAPU SAI MALLIKARJUN	I CSE	KABADDI	S.S.&N College, NRT	21/9/18	ROTARY CLUB, NRT	1 st PLACE

1	16471A0352	SAI KRISHNA THOTA	III ME	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
2	17475A0108	DAPPINA VENKATA SIVA RAJASEKHAR REDDY	III CIVIL	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
3	17475A0406	AKULA AJAY KUMAR	III ECE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
4	16471A04G3	CHANDALURI KALYAN CHAKRAVARTHY	III ECE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
5	17475A0224	LAVURI GOPI KRISHNA	III EEE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
6	17475A0315	PURIMITLA SIVA SAGAR	III ME	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
7	17471E0009	DARSI VENKATESH	II MBA	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
8	17471A0374	BIRUDU RAVITEJA	II ME	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
9	18471A0421	GOPU GANESH SIVA SAI	I ECE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
10	18471A0238	VADLAMUDI SAMBASIVA RAO	I EEE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
11	16471A04B2	KUNCHALA VENKATA VAMSI	III ECE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
12	18471A04H5	SINGAREDDY RAJASEKHARA REDDY	I ECE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place
13	18471A05B5	VALLABHAPURAPU SAI MALLIKARJUN	I CSE	KABADDI	ST.Mary's Chebrolu	28/9/18	ST.Mary's	2 nd Place

1	16471A0352	SAI KRISHNA THOTA	III ME	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
2	17475A0108	DAPPINA VENKATA SIVA RAJASEKHAR REDDY	III CIVIL	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
3	17475A0406	AKULA AJAY KUMAR	III ECE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
4	16471A04G3	CHANDALURI KALYAN CHAKRAVARTHY	III ECE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
5	17475A0224	LAVURI GOPI KRISHNA	III EEE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
6	17475A0315	PURIMITLA SIVA SAGAR	III ME	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
7	17471E0009	DARSI VENKATESH	II MBA	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
8	17471A0374	BIRUDU RAVITEJA	II ME	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
9	18471A0421	GOPU GANESH SIVA SAI	I ECE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
10	18471A0238	VADLAMUDI SAMBASIVA RAO	I EEE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
11	16471A04B2	KUNCHALA VENKATA VAMSI	III ECE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
12	18471A04H5	SINGAREDDY RAJASEKHARA REDDY	I ECE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place
13	18471A05B5	VALLABHAPURAPU SAI MALLIKARJUN	I CSE	KABADDI	A.M.Reddy Sports Meet 2k18	5/12/18	AM Reddy College	1 st Place

DEPARTMENT OF PHYSICAL EDUCATION



Our Vice-Chairman Sri M.Chakravarthi, Secretary Sri M.Ramesh Babu, Principal M.Sreenivasa Kumar and Cricket Teams gathering for Cricket League





73rd Independence Day Celebrations
15th August, 2019





Resource Persons, Dr B K Sahu, Regional Manager, National Research Development Corporation, Govt of India- IPFC & TISC, Visakhapatnam & Mr P Murali, MD, M/s Novel Patent Service Private Limited, Vizag addressing the gathering on the occasion of **"workshop on Role Intellectual Property Rights in Innovation Management and Academia Industry Collaboration"** and felicitated by NEC Principal M. Sreenivasa Kumar on 22th August, 2019



Our Hon'ble Chairman Sri M.V.Koteswararao and Vice Chairman Sri M.Chakravarthi felicitating NEC Principal Sri. M. Sreenivasa Kumar, NIT Principal Sri D.Suneel & NIPS Principal J.N.Suresh Kumar and addressing the gathering on the occasion of **"Teacher's Day"** on 5th September, 2019



Our Hon'ble Chairman Sri M.V. Koteswararao, Vice Chairman Sri M.Chakravarthi & Principal M. Sreenivasa Kumar felicitating our Guests Sri. D.Chandra Sekhar (Addl Industrial Advisor), Sri. K.C.Choudhary (Asst. Director) MSME, Govt. of India Hyderabad on the occasion of **"ATAL Committee Innovation Centre Inauguration"** on 25th September, 2019



Our Hon'ble Chairman Sri M.V. Koteswararao, Principal M. Sreenivasa Kumar & K'Anji Reddy, Chairman, Mahanandi Pipes giving their valuable speech on occasion of **"Entrepreneurship Awareness Camp"** on 15th October, 2019



Our NEC student Lakshmi Deepthi received Gold Medal and appreciation from Hon'ble Governor of AP Sri. Biswabhusan Harichandan on **"19th Convocation of JNTU Kakinada"** on 17-08-2019



An Induction Programme on **"Global Opportunities and Current Trends in the Competitive World"** was conducted at NEC on 22-08-2019.

Dr. Harikishan Eppanapally, Chairman and the CIC Group Inc. USA has given his valuable speech on this occasion



Our Hon'ble Chairman Sri M.V.Koteswararao inaugurating the statue of Sri. Mokshagundam Visvesvaraya and giving his valuable speech on the occasion of **"Engineer's Day"** on 15th September, 2019



Chief Guest Sri. N.V.L.P.Ramana Rao, Deputy Executive Engineer, NSP Canal, Narasaraopet, Principal, Staff and Students celebrating **"Engineer's Day"** on 15th September, 2019



Ranjit Sen Gupta, Director, Advantage Pro, Chennai & Dr.M.Sreenivasa Kumar, Principal addressing the students on the occasion of exchanging **"MoU of Red Hat"** to Advantage Pro on 16-09-2019



The Resource Person Sri P.Ravi Prasada Rao, Consultant Communications in IT & C Dept., Gov. of AP & Retired Senior Engineer addressing the gathering on the occasion of one day seminar on **"Present and Future Trends in Telecommunications"** on 30-09-2019 organized by NEC IEEE Student Branch



Prof. K. Hemachandra Reddy, Chairman, Andhra Pradesh State Council of Higher Education garlanding the statue of Sir Mokshagundam Visvesvaraya & giving his valuable speech on the occasion of Freshers' day celebrations



NEC Freshers' Day Celebrations

on 19th October, 2019



Cultural Activities of Students @ NEC

Inauguration of Dassault Systems & ARC Lab

by

hon'ble M.P (Narasaraopet) Lavu Sri Krishna Devarayalu,
hon'ble MLA (Narasaraopet) Gopireddy Srinivasa Reddy &
Sri Challa Madhusudhan Reddy, Chairman, APSSDC

On 2nd November, 2019



Graduation Day 2K19 MBA & MCA

on 2nd November, 2019





Graduation Day 2K19



MBA

MCA



Our Vice-Chairman Sri M.Chakravarthi & Resource Person Sri P. Subba Raju addressing the students on the occasion of **"workshop on Education on Entrepreneurship"** on 14th December, 2019



Our Vice-Chairman Sri M.Chakravarthi & Principal Sri M.Sreenivasa Kumar felicitating the Resource Persons Sri P. Subba Raju and Sri G. Raghu Babu on the occasion of **"workshop on Education on Entrepreneurship"** on 14th December, 2019



Sri L. Sridhar Reddy, CEO, AP Food Processing Society Industries & Commerce Dept, A.P and other members addressing the students on the occasion of **"workshop on Food Processing with FPOs and Industries"** on 5th December, 2019



Mathematics Day is celebrated at NEC on the occasion of **"Sri. Srinivasa Ramanujan Birth Day"** on 22nd December, 2019



NEC Faculty expressing their gratitude to AP CM Y.S.Jaganmohan Reddy garu for introducing **"DISHA ACT"** on 24th December, 2019



"Software Sudheer" movie team visited NEC on 13th November, 2019